

STATEMENT OF QUALIFICATIONS

En-Ching Hsu

EDUCATION

Ph.D. in Civil Engineering, December 2006, Purdue University
B.S. & M.S. in Agricultural Engineering, 1999, National Taiwan University

LICENSE

California Registered Professional Civil Engineer No. C77158

CURRENT EXPERIENCE

Engineer, Department of Water Resources, Bay Delta Office, Delta Modeling Section.

- Support planning studies requested by various DWR programs and provide technical analyses and information for the studies in the Sacramento-San Joaquin Delta.
- Experience with HEC5Q and the Reclamation Temperature Model for BDCP studies.
- Responsible for developing DSM2 water quality models, and part of a team integrating various modeling efforts with water related models.

PREVIOUS EXPERIENCE

Project Engineer (2006-2009). RMC Inc.

Responsible for developing desktop and web applications, database management systems, map applications, and supporting tools for modeling needs.

Research Assistant (1999-2002). National Taiwan University, Taiwan.

Responsible for analyzing hydrological data and remote sensing images to define design storms and performed rainfall-runoff simulations to estimate excess flow.

PUBLICATIONS

Hsu, E., Ateljevich, E., and Sandhu, P. (2016). "*Delta Salinity Simulation with DSM2-GTM*". Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh, Chapter 4.

Hsu, E., Ateljevich, E., and Sandhu, P. (2014). "*DSM2-GTM*". Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh, Chapter 4.

Hsu, E. and Sandhu P. (2013). "*Temperature Model Development for CalSim*". Methodology for Flow and Salinity Estimates in the Sacramento-San Joaquin Delta and Suisun Marsh, Chapter 1.